University College of Southeast Norway

SEFS - Fundamentals of Systems Engineering (Fall 2018)

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Exercise # 1





- > Scuba divers enjoy the beauty of the seas thanks the the oxygen contained in the bottle carried in their back.
- Running out of oxygen can mean deep trouble.
- ➤ Current solution is a pressure gauge that experienced divers check regularly when submerged. Novel divers tend to forget to check it.
- ➤ A business opportunity is identified, to come up with a more reliable and user-friendly way of knowing when the amount of oxygen in the bottle goes below a defiend threshold.

Exercise # 1

- ➤ Work in Teams to define the need or opportunity and formulate it in a single sentence that captures it completely and in a fully clear way.
- ➤ Give a presentation on your formulation of the identified business opportunity.